

S/511, S/513, S/514 Quick exhaust valve

- Port size: G1/4, G1/2
- Enables air to be exhausted quickly from air reservoirs and cylinders
- Allows higher cylinder speeds to be achieved
- Simple, compact design and construction
- Very reliable in operation



Technical features

Medium:

Compressed air, filtered, lubricated and non-lubricated

Operating:

Quick exhaust valves

Operating pressure:

0,7 ... 10 bar (10 ... 145 psi) (S/511)
0,7 ... 7 bar (10 ... 101 psi) (S/513, S/514)

Port size:

G1/4 & G1/2

Mounting:

Line mounted

Ambient/Media temperature:

-20°C ... +80°C (-4 ... +176°F)
Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F)

Materials:

Body: zinc alloy (S/513), aluminium alloy (S/511, S/514)
Cover: aluminium (S/511), plastic POM (S/513, S/514)
Silencer shell: plastic POM (S/513, S/514)
Element: porous plastic (S/513, S/514)
Cup seal: PUR
'O'ring: NBR

Technical data

Symbol	Port 1	Flow (1 to 2) C *1)	Cv	Kv 2)*	at 6 ... 5 bar (l/min)		(2 to atm) C *1)		Cv	Kv *2)	Silencer at exhaust port	Weight (kg)	Spares kit (seals only)	Model
					2022	39	9,56	8,3						
	G1/2	21,6	5,3	4,6	2022	39	9,56	8,3			no	0,31	QS/511/00	S/511
	G1/4	7,6	1,86	1,62	900	13,5	3,3	2,9			yes	0,25	QS/510/00	S/513
	G1/2	5,3	5,3	4,6	2022	39	9,56	8,3			yes	0,35	QS/511/00	S/514

*1) Measured in dm³/(s.bar)

*2) Measured in m³/h

Option selector

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Thread form	Substitute
ISO G, parallel	S
NPT	C

Port size	Substitute
1/2", without silencer	1
1/4", with silencer	3
1/2", with silencer	4